

What is claimed is:

1. A two-piece adjustable auto-search alarm device,
comprising:

5

a master controller having a housing and more than
one LED lamp provided on said housing;

10

a secondary controller having a case and more than
one LED lamp provided on said case;

15

a master signal transmitter provided in said master
controller for transmitting a signal of a specific
frequency;

20

a secondary signal receiver provided in said
secondary controller for receiving said signal
transmitted from said master signal transmitter;

a secondary signal transmitter provided in said
secondary controller for transmitting a signal of
a specific frequency, and including a secondary power
supply;

25

a master signal receiver provided in said master

controller for receiving said signal transmitted
from said secondary signal transmitter;

a master frequency regulator provided in said master
5 controller for regulating a signal transmitting
frequency of said master signal transmitter; and

a master operation unit provided in said master
controller for conducting an operation on said signal
10 transmitted from said secondary signal transmitter,
and including a master power supply;

said master frequency regulator being adjustable to
enable different signal transmitting ranges, and
15 said master controller being unable to receive a
signal from said secondary signal transmitter that
is either located beyond said signal transmitting
range set with said master frequency regulator or
fails to feed back a signal to said master controller
20 due to, for example, losing a power supply; and said
LED lamps provided on said master and said secondary
controller becoming on at the same time as soon as
said master signal receiver does not receive a signal
transmitted from said secondary signal transmitter.

25

2. The two-piece adjustable auto-search alarm device
as claimed in claim 1, wherein said master controller
further includes a master buzzer.
- 5 3. The two-piece adjustable auto-search alarm device
as claimed in claim 2, wherein said master buzzer
emits sounds in response to a signal sent from said
master operation unit.
- 10 4. The two-piece adjustable auto-search alarm device
as claimed in claim 1, wherein said secondary
controller further includes a secondary buzzer.
- 15 5. The two-piece adjustable auto-search alarm device
as claimed in claim 4, wherein said secondary buzzer
emits sounds when said secondary controller does not
have power supplied thereto.
- 20 6. The two-piece adjustable auto-search alarm device
as claimed in claim 1, wherein said LED lamps provided
on said master controller include more than one
tricolor LED lamp, a bicolor LED lamp, and a power
light.
- 25 7. The two-piece adjustable auto-search alarm device

as claimed in claim 1, wherein said master signal receiver is adapted to receive signals separately transmitted from one or more secondary signal transmitters.

5

8. The two-piece adjustable auto-search alarm device as claimed in claim 1, wherein said secondary controller may be connected to a battery of a mobile phone.

10

9. The two-piece adjustable auto-search alarm device as claimed in claim 1, wherein said secondary controller may be connected to a battery of a personal digital assistant.

15

10. The two-piece adjustable auto-search alarm device as claimed in claim 1, wherein said secondary controller may be connected to an individual pump motor included in a water-pumping system for a build.

20

11. The two-piece adjustable auto-search alarm device as claimed in claim 1, wherein said secondary controller may be connected to an individual motor included in a water-pumping system for a fish farm.

25

12. The two-piece adjustable auto-search alarm device as claimed in claim 1, wherein said master frequency regulator includes a frequency-regulating knob provided on said housing of said master controller.

5

13. The two-piece adjustable auto-search alarm device as claimed in claim 1, wherein said master controller is provided on said housing with an LCD screen.